AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

1. ~~Method~~A method for transmitting IP packets between a Radio Network Controller ~~(RNC) (2)~~ and ~~a further~~another element in a mobile radio network, ~~characterized in that~~comprising:
~~an IP packet to be transmitted contains~~transmitting an IP packet that includes a first coder-decoder mode indication ~~(TFCI, AMR)~~, which indicates the coder-decoder mode ~~(TFCI, AMR)~~ with which it was transmitted from a mobile terminal ~~(MT) (1)~~to a first Radio Network Controller ~~(RNC) (2)~~;
a coder-decoder indication exchange system ~~(DFC) (5)~~passed through by an IP packet ~~on the way through~~via the mobile radio network, ~~undertakes an exchange of~~ exchanging the first coder-decoder mode indication ~~(RFCI, AMR)~~ ~~contained~~included in the data packet for a second coder-decoder mode indication ~~(RFCI requested)~~corresponding to the first coder-decoder mode indication according to a stored table in the coder-decoder mode indication exchange system ~~(5)~~ and known to ~~a further~~the another element or mobile terminal ~~(MT) (1)~~; and forwarding the IP packet, which ~~contains~~includes the second coder-decoder mode indication, ~~is forwarded to the further~~the another element.

2. ~~Method~~The method according to Claim 1, ~~characterized in that~~wherein the
a Radio Network Controller ~~(RNC) (2)~~ is used as the ~~further~~another element of a mobile radio network ~~in the event of~~when a call between two mobile terminals ~~(1, 11)~~ occurs.

3.   ~~Method according to one of the preceding Claims,~~
~~characterized in that~~The method according to claim 1, wherein
an interface ~~(gateway)~~ is used as the ~~further~~another element of a mobile radio
network ~~in the event of~~when a call between a mobile terminal ~~(1)~~ and a base
station ~~(15)~~ occurs.

4.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~ claim 1, wherein
~~in the event of~~during initialization of a connection between two mobile terminals,
~~(MT) (1, 11)~~ at least one first coder-decoder mode indication ~~(TFCI, AMR)~~ and
associated second coder-decoder mode indication ~~(TFCI requested, AMR~~
~~requested)~~ are stored in a table of a coder-decoder mode indication correspondence
storage device ~~(5)~~.

5.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~ claim 1, wherein
in a data packet coming from a mobile terminal and ~~containing~~including a coder-
decoder mode indication ~~in the form of~~formed as a TFCI value and AMR value,
the TFCI value is exchanged for a coder-decoder mode indication ~~in the form~~
~~of~~formed as an RFCI value by the Radio Network Controller ~~(RNC) (2)~~ receiving
the data packet.

6.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~
claim 5, wherein the TFCI indications and the RFCI indications represent a coder-
decoder mode.

7.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~
claim 1, wherein for calls between mobile terminals ~~(MT) (1, 11)~~ the Radio
Network Controller ~~(RNC) (2)~~ can output SDU parameters, which represent a
specific coder-decoder mode with an RFCI value, which is exchanged by the

coder-decoder mode indication exchange system ~~(DCF) (5)~~ for the RFCI value and the requested RFCI value.

8. ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~ claim 5, wherein
the IP packet is converted to an Optimized Codec Support Frame format ~~(OCSF)~~ for transport in a GTP tunnel and divided into RAB subflows ~~(12)~~ for transport between the Radio Network Controller ~~(RNC) (2)~~ and mobile terminal ~~(MT) (1)~~.

9. ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~
claim 8, wherein ~~the nature of~~ the coder-decoder mode is indicated in the Optimized Codec Support Frame ~~(OCSF)~~ by the RFCI value,
the mode ~~within~~ in which the ~~sender wishes to code the~~ data is coded is indicated in the Optimized Codec Support Frame ~~(OCSF)~~ by the RFCI requested value,
~~the~~ a sequence of fields depends on implementation and standardization and other fields are added as required, if the recipient is initialized to interpret them.

10. ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~
claim 1, wherein an IP packet sent by a mobile terminal ~~(MT) (1)~~ is divided into RAB subflows ~~(12)~~ and provided with values for TFCI and TFCI requested and sent to the Radio Network Controller ~~(RNC) (2)~~.

11. ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~
claim 8, wherein in the Radio Network Controller ~~(RNC) (2)~~ the TFCI value and the TFCI requested value are exchanged for the corresponding RFCI value and RFCI requested value of the Optimized Codec Support Frame ~~(OCSF)~~.

12. ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~ claim 8, wherein

~~the~~a GTP-U header is prefixed to the Optimized Codec Support Frame ~~(OCSF)~~ by the Radio Network Controller ~~(RNC)~~ and forwarded to ~~the~~a Gateway GPRS Support Node ~~(GGSN) (4)~~ via ~~the~~a Serving GPRS Support Node ~~(SGSN) (3)~~.

13.   ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~ claim 12, wherein
the Optimized Codec Support Frame ~~(OCSF)~~ is forwarded by the Gateway GPRS Support Node ~~(GGSN)~~ to the coder-decoder mode indication exchange system ~~(DCF) (5)~~,
the corresponding RFCI values and RFCI requested values are aligned with the coder-decoder mode of the recipient mobile terminal ~~(MT) (1)~~,
the modified Optimized Codec Support Frame ~~(OCSF)~~ is sent back to the Gateway GPRS Support Node ~~(GGSN) (4)~~.

14.   ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~ claim 12, wherein
the IP packet is modified by the coder-decoder mode indication exchange system ~~(DCF) (5)~~,
the coder-decoder mode indication exchange system ~~(DCF) (5)~~ is called at least one further time by the Gateway GPRS Support Node ~~(GGSN) (4)~~ to generate the Optimized Codec Support Frame ~~(OCSF)~~, and
at least one Gateway GPRS Support Node ~~(GGSN) (4)~~ is involved.

15.   ~~Method~~ The method according to ~~one of the preceding Claims, characterized in that~~ claim 12, wherein the GTP-U header is modified or exchanged by the Gateway GPRS Support Node ~~(GGSN) (4)~~ and the Optimized Codec Support Frame ~~(OCSF)~~ is transmitted to the Serving GPRS Support Node ~~(SGSN) (3)~~, which forwards it to the Radio Network Controller ~~(RNC) (2)~~,
the RFCI value is exchanged by the Radio Network Controller ~~(RNC) (2)~~ for the corresponding TFCI value,
the RFCI requested is exchanged for the TFCI requested value or modified, and
the IP packet is sent via the RAB subflows ~~(12)~~ to the mobile terminal ~~(MT)~~.

16.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~
claim 12, wherein, before it is sent to a base station ~~(FT) (15)~~ the Optimized Codec
Support Frame ~~(OCSF)~~ is converted by the coder-decoder mode indication
exchange system ~~(DCF) (5)~~ to an IP packet,
the IP packet is sent by the coder-decoder mode indication exchange system ~~(DCF)~~
~~(5)~~ to the Gateway GPRS Support Node ~~(GGSN) (4)~~ or directly in the direction of
the base station ~~(FT) (15)~~.

17.   ~~Method~~ The method according to ~~one of the preceding Claims,~~
~~characterized in that~~ claim 12, wherein
the coder-decoder mode change is initiated by the Radio Network Controller
~~(RNC) (2)~~, and the coder-decoder mode change is initiated in the mobile terminal
~~(MT) (1)~~ under the supervision of the Radio Network Controller ~~(RNC) (2)~~.

18.   ~~Device~~ A device for selecting data packets transmitted between terminals
and coded with negotiated coder-decoder modes,
~~characterized in that~~
~~it comprises~~
a table stored in a central coder-decoder mode indication exchange system ~~(DCF)~~
~~(5)~~ for comparing ~~the~~ a first RFCI value with a second RFCI value~~,~~;
~~the device (DCF) (5) includes~~ an element for converting IP data packets to
Optimized Codec Support Frames ~~(OCSF)~~ and for comparing ~~the~~ listed RFCI
values with ~~the~~ RFCI values specified in the data packets~~,~~; and
~~the device (DCF) (5) includes~~ an element for converting Optimized Codec Support
Frame ~~(OCSF)~~ back to IP data packets.

19.   ~~Device~~ The device according to Claim 16,
~~characterized in that~~ wherein
the device ~~(DCF) (5)~~ is an element of ~~the~~ a Gateway GPRS Support Node ~~(GGSN)~~

(4) or another node.

20.   The~~Device~~ device according to Claim 16, ~~characterized in that~~ wherein the device ~~(DCF) (5)~~ is it own node with access via an IP protocol.